

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
24 March 2005 (24.03.2005)

PCT

(10) International Publication Number
WO 2005/027365 A1

(51) International Patent Classification⁷:

H04B 1/40

PCT

(21) International Application Number:

PCT/KR2004/002352

(22) International Filing Date:

15 September 2004 (15.09.2004)

(25) Filling Language:

Korean

(26) Publication Language:

English

(30) Priority Data:

Priority Data
10-2003-0063771

15 September 2003 (15.09.2003) KR

(71) Applicants (for all designated States except US): SK TELECOM CO., LTD. [KR/KR]; 99 Seorin-dong, Jongno-gu, Seoul 110-110 (KR). NEXMORE SYSTEMS INC. [KR/KR]; 10F, Yuseong Bldg., 702-22, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(72) Inventor; and

(75) Inventor/Applicant (for US only): SHIM, Kihak
[KR/KR]; 201, 227-10, Jeongja-dong, Bundang-gu,
Seongnam-si, Gyeonggi-do, 463-010 (KR).

(74) Agents: LEE, Chulhee et al.; 14F, Hyundai Marine & Fire Insurance Bldg., 646, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) Designated States (unless otherwise indicated for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

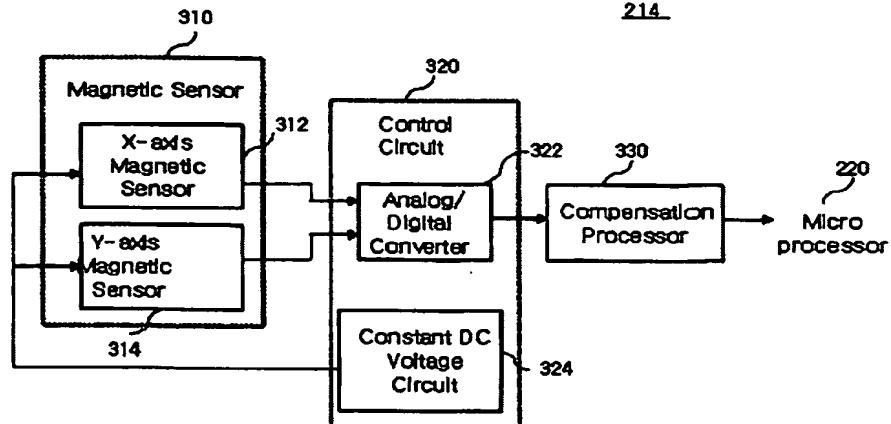
(84) Designated States (unless otherwise indicated for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: MOBILE TELECOMMUNICATION TERMINAL HAS ELECTRICAL COMPASS MODULE AND PLAYING NETWORK TYPE MOBILE GAME METHOD USING ELECTRICAL COMPASS MODULE THEREOF



WO 2005/027365 A1

(57) **Abstract:** The present invention relates to a mobile communication terminal including an electronic compass module and a method for playing a network mobile game by using the electronic compass module. The method for providing the network mobile game service by using a mobile communication terminal incorporating an electronic compass module therein, comprising the steps of: (a) providing a mobile game list to the mobile communication terminal connected via a wireless Internet; (b) clarifying a game mode of a network mobile game selected by the mobile communication terminal; (c) if the selected network mobile game is determined to be a dual mode game, providing a game mode selection screen; (d) if an electronic compass mode is selected on the mobile communication terminal, executing the selected network mobile game; (e) controlling a movement of a user-controlled character; and (f) transmitting a game screen on which the user-controlled character is moved. The present mobile communication terminal is used to control the user-controlled character precisely and easily.